

**Espacenet****Bibliographic data: JP 62070550 (A)****MATERIAL FOR TARGET**

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Abstract of JP 62070550 (A)

PURPOSE: To stabilize the composition and to improve the strength by sintering an intermetallic compound of a rare earth metal such as Gd or Tb with an iron group metal such as Fe or Co, and a simple substance of the iron-group metal.

CONSTITUTION: The intermetallic compound has a composition consisting of 30-50wt% one or more kinds of rare earth metals and the balance & one or more kinds of iron group metals. The material for target is obt'd. by sintering the intermetallic compound and simple substances of the iron group metals, and has a fine mixed structure. The rare earth metals include Gd, Tb, Dy, Ho, Tm, Er and an alloy thereof. The iron group metals include Fe, Co, Ni and an alloy thereof.